



**OFFICIAL CIP/U.S.PATENT-APPLICATION RESPONSE**

INVENTECH'S  
3751  
#12  
Letter  
9-11-03  
H.A.A.

ATTN: Mr. Robert M. Fetsuga, Primary-Pat.Examiner /Group Art Unit-#3751

C/O: U. S. Patent Office, Washington D.C. 20231 USA

FROM APPLICANT: Eugenio L. Pangramuyen (sole-inventor) PHONE: 619 / 299-0066

(new address)→ POSTAL: 4042 East Plaza Boulevard, National City, Calif. 91950

DISCLOSURE ENTITLED: " UNIVERSAL PNEUMATIC-SNAKE APPARATUS & METHOD "

REGARDING PAT. PEND.NR.: 09/922,554, FILED: 06/August/2001; DOCKET NR.: VH/100103

PRIOR APPLICANT DISCLOSURES OF RECORD: PTO/Disclosure-document #483,987 Filed:

14/Dec./2000; -followed by initial Utility/Pat.Application (noted above), -subsequently

augmented with a generic-variant Fig.-6 improvement.

*Hello dear Mr. Robt. Fetsuga ~*

*After timely mailing of my Above referenced  
CIP/PAT.Application Response earlier this evening  
and upon returning home from the U.S. Post Office  
I was dismayed to find the requisite PAT. DRAWING  
still here on my desk instead of on its way to you!*

*So am now again rushing to the Post Office to  
see if they can still give this follow-up mailing  
a same-day postal-marking of 02-Sept.-03.*

*Please accept my apology for this inadvertent  
delay, and kindly place the accompanying  
drawing with my other proper Response of Today!*

*Thank you for your thoughtful assistance  
regarding this mistake of mine...*

*Sincerely,  
Eugenio L. Pangramuyen*

**RECEIVED**

SEP 10 2003

TECHNOLOGY CENTER R3700

090803  
0919 U.S.PTO

22581 U.S.PTO  
10/713034

09/08/03

- IN THE UNITED STATES PATENT OFFICE -

↓ REGARDING THE FOLLOWING PATENT-APPLICATION ↓

Serial Number: # 09/922,554

Date Filed: 06 / AUGUST / 2001

Applicant(s): EUGENIO L. PANERAMUYEN

Presiding Examiner: ROBT. M. FETSUFA/GAU-#3751

Invention Entitled: \_\_\_\_\_

- PETITION for EXTENSION of TIME -

- 1.) Outstanding Office-action Mailed Out On: 02 / MAY / 2003
- 2.) Original Period For Applicant-response Expires: 02 / AUG. / 2003
- 3.) Requesting Of Extension For: 1 Month(s) To: 02 / SEPT. / 2003
- 4.) Small-entity Petition-fee Check Enclosed In The Amount Of: \$ 55.00

Commissioner of Patents, U.S. Patent Office  
Washington, District of Columbia 20231

Sir:

In the above identified Patent-Application, pursuant to PTO/Rules: #136&17(a,d), the Applicant(s) hereby petitions that the period for response to the outstanding Office-action noted above be summarily extended for the additional monthly period as is indicated above on line-3. It is anticipated that a suitable Response to the Examiner's Office-action will be thus forthcoming from Applicant within the above requested time-extension period. Please note, that this needed extension is for preparation of a thoughtful Response, but shall not exceed the time over the statutory 6-month period from the official date of the PTO/Office-action.

RESPECTFULLY,

Applicant: (sign) E.L. Paneramuyen

(print) E.L. PANERAMUYEN (Tele.: 619 / 299-0066)

From Address:

4042 EAST PLAZA Blvd., NATIONAL CITY, CA. 91950

- CERTIFICATE OF MAILING -

I hereby certify this correspondence will be deposited with the U.S. Postal-service as 1st-Class mail material, bearing proper postage, and addressed to: Commissioner of Patents, Washington. D.C. 20231, -on the very date indicated below with my signature.

DATE MAILED: 02 / AUGUST / 2003

Enclosures: one monetary-check

Applicant: Eugenio L. Paneramuyen

INVENTECH '90

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PTO'S #13  
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DOCUMENTATION ASSISTED BY: Inventech, SanDiego, Calif. 92110

CLAIMS OF RECORD: 18 -Independent, 3 -Dependent

Sir:

Your Action-letter of- 02/May/03 (Response due by- 02/Aug./'03) has been carefully studied, Examiner having done a supportive job pointing out certain deficiencies of the disclosure; whereby Applicant is compelled to now file this Response additionally in the form of a CIP(continuation in part)-/Pat.-Application. Moreover, Applicant believes the following amendments are therefore fully responsive and conducive to overcoming Examiner's pending objections of record...

**A.)** Examiner's item-1 states withdrawal of a prior requirement, in as much as Applicant has made persuasive Election with Traverse upon the ground that the subject species are NOT actually patentably "distinct" from one another.

**B.)** Examiner's item-2 objects to Applicant's proposed drawing-correction of 05/Dec./01, upon the grounds that the structural modification is not as originally disclosed, -owing that Applicant subsequently added a further figure. Accordingly, Examiner is therefore justified in requiring Applicant to now re-file in the manner of this instant CIP/Pat.-application (hence, principally retaining benefit of the original Disclosure's 06/Aug./'01 filing-date). Accordingly, Examiner will recall that on 26/Feb./'03 the PTO notified Applicant that Applicant's Disclosure had been ineptly Abandoned owing that Applicant's timely Response of 01/Nov./'02 appeared to have been somehow lost/misplaced by the PTO as it turns out! Viable proof of Applicants Response having actually been timely received by the PTO has indeed been confirmed by Applicant's 26/Feb./'03 providing of an accompanying PTO/Fee-cheque of \$379, which was indeed processed/cashed and credited to the U.S.Treasury-dept. (via First/Virginia-Bank, on Arlington Blvd.); -thus for Examiner's convenience, a reminder-copy of Applicant's confirmation thereof is attached hereto as Exhibit-A, and enduring Applicant trusts Examiner may now endeavor to expedite a speedy allowance of this terribly slowed patent-application. Therefore, Applicant's paid cheque-#3277 (see photocopy attachment provided by associate R.W.Vonheck) in the amount of \$379.00 (three-hundred seventy-nine dollars), \$9.00 of which was included to defray cost of the extra Claim (21-claims recounted instead of only twenty); noting that said PTO/CIP-fee was based upon year-2002's prevailing PTO/Filing-fees. Additionally, Applicant now includes a cheque of \$55 from his associate (-R.W.VonHeck), to currently defray PTO's statute One-month/time-extension Fee (see accompanying Time-extension form).

**D.)** Examiner's item-3 objects to Applicant's display of a trademarked word as only "Teflon", thus Applicant now requests Examiner refer to Pg.-12/Line-24 of Applicant's disclosure, and change exhibit of said word to read entirely in caps. as --TEFLON®--.

**D.)** Examiner's item-4 objects to Applicant having 21-claims (instead of only 20-claims as permitted for the statute PTO/Basic Filing-fee); -hence, Applicant apologizes for this oversight, and now herewith includes a cheque(\$379) wherein the amount of \$9.00 was added to defray the cost of said extra Dependent-claim of record.

**E.)** Examiner's item-5 objects to Applicant's drawings under 37-CFR(\$ 1.83[a.]) for not showing a " coupling means " as set forth in Applicant's Claims: 1,15,21; and same must be shown in Applicant's drawings as well.

**F.)** Examiner's items-6 objects to Applicant's for failing to provide a proper antecedent-basis for the claimed subject matter (according to 37-CFR(\$ 1.75(d.) (1.) and also MPEP-(\$608.01(o.)); thus requiring amendment as follows:

On Pg.14/Line-6, please insert the needed antecedent wording: -- coupling means -  
- immediately after the shown wording: " shank 25 ", and similarly on following line-15  
after the shown wording: " male shank ", please insert the same antecedent wording: --  
coupling means --.

On Pg.-10/items-21, please insert an additional nomenclature-numeral -- 21S --  
immediately after the shown nomenclature-numeral: " 21", --, and at end of same line  
add a comma(,) after the wording: " exiting-orifice, ", and then insert the wording; --  
transitional-step "; ---then in connection with this amendment please go to Pg.-15/Line-  
4, to insert the necessary explanatory supporting new paragraph (relative to the CIP-  
Appication hereof), as follows:

--Lastly, in Fig.-7 is shown a still further generic-variant air-nozzle preferably  
having the previous three or four peripheral water-inlets 23 in fluid-communication via  
tunnels 23' preferably also arranged obliquely (at approximately 45-degrees to longitudinal  
axial/ref.line 30) within the nozzle's aftward circular-extension 19" portion of the  
himispherical-head portion 19', all the while in fluid-communication with the common

central delivery passageway 21. Accordingly, a boosted venturi siphon effect is automatically generated by presence of an abrupt transitional-step portion 21S acting to thereby draw ambient water into the delivery-passageway 21 via high-speed air delivered through the tubing 18P as the thus suction-induced ambient-water passes through admixture-port regions 21" to become internally mixed and erupt as a violent turbulent-blast 27"; --which basic pneumatic blast here heavily laden with water admixture, advantageously thereby even more powerfully impacts directly upon the exemplified clog-obstruction 10' as was previously demonstrated in Fig.-2. Again, it is vital to understand that, other than that water possibly already present proximal the drain obstruction 10', absolutely no additional water is actually being introduced via my apparatus; --my invention system therefore being optionally capable of dynamically employing the static-water present, thus not exacerbating an often already flooded working area (as does any method which introduces additional water). Again, note that the anti-splashback cup shaped deflector 17 only serves to substantially reduce the generally messy-splash of any usually dirty drain-water being highly agitated by the free escape of the induced-air 26' passing up and out of the exemplified (in Fig.-2) open pipe entry point drain-aperture 26' passing up and out of the exemplified (in Fig.-2) open pipe entry point drain-aperture 12"; --hence, it is critical to understand that any attempt to impede/block the exhausting air 26' from freely passing out as exemplified by 28' (and possibly surrounding water 17") would be antithetic to the desired novel performance improvement of my instant invention, which uniquely functions upon the basis of hydro(optional)-pneumatic blasting-impact, rather than blocked pneumatic/hydraulic-pressure per'se. --

Then also relative to the immediately preceding new section, please go to Pg.- 9/Line-28, and insert an additional description as follows:

-- Figure-7, is a side/elevation-view showing another optional much favored embodiment of my air-powdered blaster nozzle, here employing similar aftwardly oriented

ambient-water induction inlets having an abrupt annular transitional-step feature, which provided super/water-augmentation to the primary air-powdered jet-stream turbulence generated by my apparatus. --

**G.)** REBUTAL: Examiner's item-7&8 refers to 35USC(\$103-a.) citing "obviousness" as the basis for rejection of Applicant's Claims: 1,4,8; -by reference to the patent of JOHNSON (Note: clearly cited in Applicant's original disclosure), wherein the use of a flexible-hose is necessarily in combination with the inducement of water from a water-faucet, ---NOT AIR!!! Accordingly, Applicant's original disclosure goes on in considerably length as to clearly explain why water as a blasting-medium is fraught with problems and is impractical, -particularly owing to exacerbating an already present water-flooding problem in the case of clogged drains. Air inducement on the other hand, -merely bleeds-off immediately into the atmosphere, while water inducement does not immediately do so; --so to postulate that air and water as a clog-blasting medium are tantamount to being equivalent is therefore fallacious. Hence, the patentably distinguishing structure of Applicant's disclosure cannot possible function without creating added flooding to an existing clogged-drain condition if it were somehow merely connected to a water-faucet, as apparently is being postulated by the Examiner in the manner being taught by JOHNSON who requires the use of water as a clog-blasting medium, ---NOT AIR!!

**H.)** REBUTAL: Examiner's item-9 further rejects Applicant's disclosure based upon 35USC(\$102-b.) and eluding to yet another much more recently patented (on 3/1996) water-faucet connecting hence water-inducing flexible-hose device of MILLER, which for those same reasons as have already been given in preceding paragraph-G, --is found to be defective when used anywhere where water-flooding can materially impose damage upon the user's environment (ie: -building floors and ceilings below such floors). However,

Applicant's invention-disclosure to be granted as a U.S. Patent, -in that the subtle improvements introduced by MILLER demonstrate that the PTO/Classifications 239/567 (JOHNSON's) and 4/255.04 (MILLER's) seem to create some internal classification conflict; --owing that their cited art is so very similar; -and therefore, looking at the crowded-art citings, why should Applicant's very different apparatus and system be singled-out for denial of patentability, -when Applicant's invention performs so advantageously without the dreaded problem of creating costly water-damage, while both MILLER and JOHNSON obviously do both pose the water introducing problem, as is indeed clear to anyone thus skilled in the related art.

**I.)** Examiner's item-10 further eludes to 35USC(\$103-a.) as basis for rejection as being unpatentable over both JOHNSON ivo DuBOIS, --however DuBOIS teaches the use of a far more complex, albeit clever, concentric dual-hose structure employing a length of this special dual-hose, whereby upon feeding the dual-hose proximal the clog-obstruction, a special outer distal-hose expansion-sleeve portion is pneumatically-inflated there so as to create an anti-backflow barrier; --whereupon, the air-pressure is switched via an operator's/manual-valve so as to thereby introduce a flow of air to NOT-blast, but only pneumatically try to force the clog-obstruction out from its lodged position and out of the underground water-drain environment DuBOIS describes. Accordingly, the Examiner will appreciate that DuBOIS did NOT invent a pneumatic-blaster at all, but only a pneumatic pressure-imposing apparatus; --a very significant difference of invention!!

**J.)** Examiner's item-11 still further eludes to 35USC(\$103-a.) as basis for rejection of Claims-11&12 as applied to Claim-1, as being unpatentable over both JOHNSON and DuBOIS ivo SCHAEFER; --however, Examiner will appreciate that Applicant has above now shown why DuBOIS's principle of operation is not actually sufficiently g remain as to be further cited as a patent of comparison (does not critically employ an actual directly



imposed "pneumatic-blasting" action); and SCHAEFER(4/1954) while using the air-outlet side of a conventional/vacuum-cleaner, in fact also does NOT teach applicant's "vital direct pneumatic-blasting" action, and only provides an optional adapter 30 for extending the drain-stopper hose 20 only a foot(12-inches) or so via conduit portion 32 down into the immediate sink-drain down-pipe. Nowhere in SCHAEFER's disclosure does he state anything about employing a much longer air-hose so as to actually reach and "pneumatically blast" clogs directly, which commonly occur some distance past presence of the drain-pipe line, as is clearly taught in Applicant's disclosure. Note carefully, how SCHAEFER's Fig.-1 demonstrates physically blocking the drain-inlet 24, further even includes an optional secondary line-seal 46, --so as to absolutely create a positive internal-pressure within the drain-pipe down-tube portion 24; --hence, is reliant upon a positive-pressure condition created within the drain-pipe for expelling a pipe-clog. Applicant's entire disclosure is directed toward the notion that such prior-art disclosures are defective (whether reliant upon either air or water pressure); and this is exactly why Applicant's disclosure clearly does NOT provide any blockage of the sink drain-pipe's inlet, SO AS TO ENABLE FREE EXPULSION OF USER INDUCED-AIR FROM WITHIN THE PIPE-INLET as shown at 17" in Applicant's Fig.-2 for example (hence, Applicant does NOT claim nor demonstrate any creating of positive-pressure within the clogged-pipe) as it and any such supporting structure is an undesirable method made obsolete by Applicant's subtle (easy to overlook) apparatus and supporting structure. The very presence of the reverse-deflection cup 17 reveals that large amounts of air are caused to be freely-expelled from the drain-pipe; Applicant does not want to impose a positive-pressure within the drain-pipe, as Applicant has discovered that it problematically tends to actually adversely push the clog-obstruction all the more tightly into its lodged position (thereby making clearing of the clog all the more difficult)!!!

**J.)** Examiner's item-12 still further eludes to 35USC(\$103-a.) as basis for rejection of Claims-11&12 as applied to Claim-1, as being unpatentable over both JOHNSON and

DuBOIS Ivo MILLER; --wherein the Examiner discusses MILLER's use of a nozzle fitted with convenient holding barbs, however Examiner will recall that Applicant has already herein above explained in other words how the invention of MILLER is like comparing apples & oranges relative to Applicant's invention disclosure (ie: water in comparison to air which only the Applicant allows to readily escape to ambient atmosphere as it does not pose the threat of dreaded flooding); --thus rendering this objection by the esteemed Examiner essentially irrelevant!

**K.)** Examiner's item-13 states that the other named prior-art of record are considered pertinent to Applicant's disclosure examination, --although not relied upon in Examiner's objections to patentability. Accordingly, applicant now addresses these remaining patents identified by Examiner relative to Applicant's disclosure:

As follows:

**STARNER:** --shows an irrigating implement which concave-cup or splash-guard member 7 is installed coaxially to a cane like stem or rigid-pipe 1 by means of an intimately fitting imperforate sleeve portion 8; --however this citing misses the mark owing that it's inventor teaches that it must be pressed firmly against the surrounding ground, while teaching of Applicant's splash-shield is that it necessarily be positioned away from the proximal drain-pipe, so as to thereby allow induced air to escape freely from the drain-pipe.

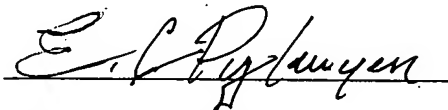
**KENNEDY:** --shows a piston-cylinder plunger device and method of clearing immediately located toilet and sink clogs, however this apparatus and method is based upon the application of pure pneumatic-pressure which is not the principle of action taught by the Applicant's direct pneumatic-blasting action.

**FAHRENKROG:** --copy of this patent requested of Examiner by voice-phone on

12/August/2002, --but not as of yet received.

**L.) REMARKS:** Applicant believes preceding amendments well address Examiner's various well taken objections, however if Examiner still finds Claims unacceptable, Applicant hereby requests Examiner provide suggested revisions to above Claims according to PTO/MPEP-Section 707.07(j); since there now is clearly patentable subject matter.

**Respectfully,**



Mr. E. L. Pangramuyen, -Applicant

Documented-mailing via: Certified U.S.Postal Service (Return-receipted)

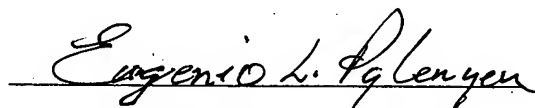
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**Certificate of Mailing:**

I, the undersigned, do hereby certify that this correspondence will be placed in an envelope marked "1st-class Mail", -addressed to "Commissioner of Patents, Washington D.C. 20231, and affixed with appropriate postage, and that such envelope will then be sealed and deposited in an approved US-Postal Service /Deposit-box on the date shown below.

**DATE MAILED:** 01/Nov./2002

**BY:**



Mr. E.L.Pangramuyen, -Applicant

SanDiego, California